

# OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

*Edited by*

**FRANCIS HEMMING, C.M.G., C.B.E.**

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## **OPINION 528**

Addition of the generic name *Limnocythere* Brady, 1868  
(Class Crustacea, Order Ostracoda) to the *Official List  
of Generic Names in Zoology*

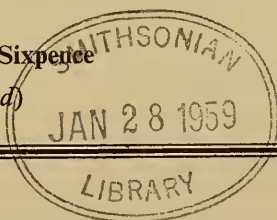
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# INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

## COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN OPINION 528

### A. The Officers of the Commission

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*Vice-President* : Senhor Dr. Afranio do AMARAL (*Sao Paulo, Brazil*) (12th August 1953)

*Secretary* : Mr. Francis HEMMING (*London, England*) (27th July 1948)

### B. The Members of the Commission

(Arranged in order of precedence by reference to date of election or of most recent re-election,  
as prescribed by the International Congress of Zoology)

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(1st January 1947)

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Mr. Francis HEMMING (*London, England*) (27th July 1948) (*Secretary*)

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U.S.A.*) (12th August 1953)

Mr. P. C. SYLVESTER-BRADLEY (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. HOLTHUIS (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*)  
(12th August 1953)

Dr. K. H. L. KEY (*Commonwealth Scientific and Industrial Research Organisation,  
Canberra, A.C.T., Australia*) (15th October 1954)

Dr. Alden H. MILLER (*Museum of Vertebrate Zoology, University of California, U.S.A.*)  
(29th October 1954)

Doc. Dr. Ferdinand PRANTL (*Národní Museum V Praze, Prague, Czechoslovakia*) (30th  
October 1954)

Professor Dr. Wilhelm KÜHNELT (*Zoologisches Institut der Universität, Vienna, Austria*)  
(6th November 1954)

Professor F. S. BODENHEIMER (*The Hebrew University, Jerusalem, Israel*) (11th November  
1954)

Professor Ernst MAYR (*Museum of Comparative Zoology at Harvard College, Cambridge,  
Massachusetts, U.S.A.*) (4th December 1954)

Professor ENRICO TORTONESE (*Museo di Storia Naturale "G. Doria", Genova, Italy*)  
(16th December 1954)

## OPINION 528

### ADDITION OF THE GENERIC NAME "LIMNOCY THERE" BRADY, 1868 (CLASS CRUSTACEA, ORDER OSTRACODA) TO THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY"

**RULING** :—(1) The under-mentioned generic name is hereby placed on the *Official List of Generic Names in Zoology* with the Name Number 1313 :—

*Limnocythere* Brady, 1868 (gender : feminine) (type species, by selection by Brady & Norman (1889) : *Cythere inopinata* Baird, 1843) (Class Crustacea, Order Ostracoda)

(2) The under-mentioned generic name is hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Number 1210 :—

*Limnicythere* Brady, 1868 (an Erroneous Subsequent Spelling for *Limnocythere* Brady, 1868)

(3) The under-mentioned specific name is hereby placed on the *Official List of Specific Names in Zoology* with the Name Number 1577 :—

*inopinata* Baird, 1843, as published in the combination *Cythere inopinata* (specific name of type species of *Limnocythere* Baird, 1868)

(4) The under-mentioned family-group name is hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Number 248 :—

LIMNOCY THERINAE (correction of LIMNICY THERINAE) Sars, 1925 (type genus : *Limnocythere* Brady, 1868)

(5) The under-mentioned family-group name is hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Number 281 :—

LIMNOCYTHERINAE Sars, 1925 (type genus : *Limnocythere* Brady, 1868) (an Invalid Original Spelling for LIMNOCYTHERINAE)

### I. THE STATEMENT OF THE CASE

On 27th January 1956 Mr. P. C. Sylvester-Bradley (*University of Sheffield, Sheffield, England*) submitted to the International Commission on his own behalf and on that of Dr. H. V. Howe (*Louisiana State University, Baton Rouge, Louisiana, U.S.A.*) the following application for the addition of the generic name *Limnocythere* Brady, 1868 (Class Crustacea, Order Ostracoda) to the *Official List of Generic Names in Zoology* :—

**Proposed addition to the respective "Official Lists" of the generic name "Limnocythere" Brady, 1868, and the family-group name "Limnocytherinae" Sars, 1925 (Class Crustacea, order Ostracoda)**

By P. C. SYLVESTER-BRADLEY

(*Universities of Sheffield, England, and Kansas, U.S.A.*)

and

H. V. HOWE

(*Louisiana State University, U.S.A.*)

The purpose of the present application is to regularise the spelling of the family-group name LIMNOCYTHERINAE, introduced in the form LIMNICYTHERINAE but based on the genus *Limnocythere* Brady, 1868.

2. The name *Limnocythere* was introduced by G. S. Brady (1868, *Intellectual Observer* 12 : 121) for two species, *Cythere inopinata* Baird, 1843 (*Zoologist* 1 : 195) and *Cypris monstifica* Norman, 1862, the former of which was subsequently selected as the type species of the genus (G. S. Brady and A. M. Norman, 1889, "Monogr. of the Marine and Fresh-water Ostracoda of the N. Atlantic and of N.W. Europe. Section I. Podocopa" *Sci. Trans. roy. Dublin Soc.* (2) 4 : 170).

3. The article in the *Intellectual Observer* in which the name *Limnocythere* was introduced incorporated an extended conspectus of a monograph on the British Ostracoda which Brady had read before the Linnean Society of London in 1866, but which was not published until late in 1868, after the appearance of the article in the *Intellectual Observer*. When the monograph appeared, the name for the genus was spelt *Limnicythere* (1868, Brady, "Monogr. of the Recent British Ostracoda", *Trans. linn. Soc. Lond.* 26 : 419—420). Reference in a footnote was made to the article in the *Intellectual Observer*. No reference was made to the change in spelling, and the name was not consistently spelt that way in the monograph (*Limnocythere* appearing in a "Classified Table" on page 358). The name *Limnicythere* Brady, 1868, is therefore an Erroneous Subsequent Spelling rather than as Emendation in terms of the definitions introduced at Copenhagen (1953, *Copenhagen Decisions zool. Nomencl.* : 44). As such it has no standing in nomenclature. Brady himself, however, continued to use the spelling *Limnicythere*, and adopted it, again without comment, in a later extension of his monograph (Brady and Norman, 1889, *op. cit.* : 170). At first this spelling became current, though not quite universal. Latterly, however (mainly after the publication of G. W. Müller's contribution to "Das Tierreich" : Lief. 31. Ostracoda. Berlin, 1912) the original spelling *Limnocythere* has gained wider acceptance, and is now used almost to the exclusion of *Limnicythere*.

4. Sars, in his great work on the "Crustacea of Norway", introduced a subfamily based on the genus which he called LIMNICYTHERINAE (1925, *Crustacea of Norway* 9 Ostracoda : 148). As this name was based on a mis-spelling of the generic name, Klie (1938, *Die Tierwelt Deutschlands*, Teil 34, Krebstiere oder Crustacea III, Ostracoda, Muschelkrebse, Jena : 149) quite properly corrected it to LIMNOCYTHERINAE.

5. We have been unable to discover any publication in which the name *Limnocythere* was formally emended to *Limnicythere*. As the latter name was extensively used for fifty years after its first publication, however, it is possible that we have missed a reference in which an author made clear his intention of using *Limnicythere* as a substitute for *Limnocythere*. Such a case would confer on the name *Limnicythere* the status of an Invalid Emendation, which for the purposes of

nomenclature would then be a junior objective synonym of *Limnocythere*. Family-Group names based on junior objective synonyms are, according to the decisions taken at Copenhagen (1953, *Copenhagen Decisions zool. Nomencl.* : 36) valid, and, if senior, take precedence over the name based on the valid name of the type genus. In that case LIMNICYTHERINAE would take preference over LIMNOCYTHERINAE.

6. We consider this ambiguity as to the correct spelling of this family-group name to be highly undesirable, and accordingly recommend that the Commission should direct :—

- (1) that the generic name *Limnocythere* Brady, 1868 (gender : feminine) (type species, by selection by Brady and Norman (1889) : *Cythere inopinata* Baird, 1843) be placed on the *Official List of Generic Names in Zoology* ;
- (2) that the generic name *Limnicythere* Brady, 1868, be regarded as an Erroneous Subsequent Spelling with no nomenclatorial status, and accordingly be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* ;
- (3) that the family-group name LIMNOCYTHERINAE Sars, 1925 (correction by Klie, 1938, of the Invalid Original Spelling LIMNICYTHERINAE) be placed on the *Official List of Family-Group Names in Zoology* ;
- (4) that the family-group name LIMNICYTHERINAE Sars, 1925 (either an Invalid Original Spelling or a name based on a generic name which is an Invalid Emendation) be placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* ;
- (5) the specific name *inopinata* Baird, 1843, as published in the combination *Cythere inopinata* (specific name of type species of *Limnocythere* Brady, 1868) be placed on the *Official List of Specific Names in Zoology*.

## II. THE SUBSEQUENT HISTORY OF THE CASE

**2. Registration of the present application :** Upon the receipt of Mr. Sylvester-Bradley's application the question of the addition

of the generic name *Limnocythere* Brady, 1868 (Class Crustacea, Order Ostracoda) to the *Official List of Generic Names in Zoology* was allotted the Registered Number Z.N.(S).1071.

**3. Publication of the present application :** The present application was sent to the printer on 20th April 1956 and was published on 20th July of that year in Part 5 of Volume 12 of the *Bulletin of Zoological Nomenclature* (Sylvester-Bradley & Howe, 1956, *Bull. zool. Nomencl.* **12** : 159—160).

**4. Support Received :** The publication of the present application elicited comments from two specialists, both of whom supported the action proposed. The communications so received are reproduced in the immediately following paragraphs.

**5. Support received from Stuart A. Levinson (Humble Oil & Refining Company, Houston, Texas, U.S.A.) :** On 19th October 1956 Dr. Stuart A. Levinson (*Humble Oil & Refining Company, Houston, Texas, U.S.A.*) addressed the following letter to the Office of the Commission in support of the present application (Levinson, 1956, *Bull. zool. Nomencl.* **12** : 318) :—

I would like to suggest that the application "Proposed addition to the respective *Official Lists* of the generic name *Limnocythere* Brady, 1868, and the family-group name LIMNOCYThERINAE Sars, 1925" be approved by the Commission.

The application clearly states the present status of the genus *Limnocythere* and the family-group name LIMNOCYThERINAE. An approval by the Commission will standardize the usage by ostracode workers, leaving no doubt as to accepted spelling.

**6. Support received from Gerd Hartman (Museum der Stadt, Osnabrück, Germany) :** On 21st February 1957 Mr. P. C. Sylvester-Bradley forwarded to the Office of the Commission a

letter in which Dr. Gerd Hartmann (*Museum der Stadt, Osnabrück, Germany*) intimated his support for the action proposed. The following is an extract from the letter in question (Hartmann, 1957, *Bull. zool. Nomencl.* 13 : 104) :—

With regard to your papers on *Limnocythere*, *Candona* and *Conchoecia* it is really lucky that you have reached such good conclusions in these cases. I think it is best to stabilise the nomenclature of these genera in taking the usual form of the names.

*Limnocythere* : The usual form is *Limnocythere*. I agree with you absolutely.

**7. No Objection Received** : No objection to the action proposed in the present case was received from any source.

### III. THE DECISION BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

**8. Issue of Voting Paper V.P.(57)19** : On 15th February 1957 a Voting Paper (V.P.(57)19) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the generic name *Limnocythere* Brady, 1868, as set out in Points (1) to (5) in paragraph 6 on page 160 of Volume 12 of the *Bulletin of Zoological Nomenclature*" [i.e. in the paragraph numbered as above in the paper reproduced in the first paragraph of the present *Opinion*].

**9. The Prescribed Voting Period** : As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Paper closed on 15th May 1957.

**10. Particulars of the Voting on Voting Paper V.P.(57)19** : At the close of the Prescribed Voting Period, the state



of the voting on Voting Paper V.P.(57)19 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Sylvester-Bradley ; Boschma ; Mayr ; Lemche ; Hering ; Prantl ; Holthuis ; Jaczewski ; Bonnet ; Mertens ; Dymond ; Vokes ; Bodenheimer ; Bradley (J.C.) ; Key ; Riley ; Stoll ; Esaki ; do Amaral ; Kühnelt ; Cabrera ; Tortonese ; Hemming ; Miller ;

(b) *Negative Votes :*

None ;

(c) *Voting Papers not returned, one (1) :*

Hankó.

**11. Declaration of Result of Vote :** On 16th May 1957, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(57)19, signed a Certificate that the Votes cast were as set out in paragraph 10 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

**12. Preparation of the Ruling given in the present “ Opinion ” :** On 22nd April 1958 Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(57)19.

**13. References for Generic and Specific Names :** The following are the original references for generic and specific names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Opinion* :—

*inopinata*, Cythere, Baird, 1843, *Zoologist* 1 : 195

*Limnocythere* Brady, 1868, *Trans. linn. Soc. Lond.* 26 : 419—420

*Limnocythere* Brady, 1868, *Intell. Observ.* 12 : 121

**14. Reference for the selection of a type species for a nominal genus :** The following is the reference for the selection of a type species for a nominal genus specified in the Ruling given in the present *Opinion* :—

For <i>Limnocythere</i> Brady, 1868	Brady & Norman, 1889, <i>Sci.</i> <i>Trans. roy. Dublin Soc.</i> (2) 4 : 170
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**15. References for Family-Group Names :** The following are the references for the family-group names placed respectively on the *Official List* and *Official Index* of names of taxa of the family-group category by the Ruling given in the present *Opinion* :—

LIMNICYTHERINAE Sars, 1925 (an Invalid Original Spelling for LIMNOCYTHERINAE)

LIMNOCYTHERINAE (correction of LIMNICYTHERINAE) Sars, 1925, *Crustacea Norway* 9 Ostracoda : 148

**16. Compliance with Prescribed Procedures :** The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the undersigned Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

**17. "Opinion" Number :** The present *Opinion* shall be known as *Opinion* Five Hundred and Twenty-Eight (528) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Second day of April, Nineteen Hundred and Fifty-Eight.

*Secretary to the International Commission  
on Zoological Nomenclature*

**FRANCIS HEMMING**